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(54) DEINKING AGENT FOR
RECYCLING WASTE PAPER

(57) Abstract:

PURPOSE: To obtain a deinking agent, containing specific three components, capable of providing recycled paper of high whiteness with being hardly any number of residual ink dots by treating waste paper and excellent in deinking action.



CONSTITUTION: This deinking agent excellent in deinking action is obtained by blending (A) a compound expressed by formula I with (B) a compound expressed by formula II and (C) a compound expressed by formula III (R_1 to R_3 are 8-24C alkyl or alkenyl; AO is 2-4C oxyalkylene; (l), (m) and (n) are 5-100) at (5-50):(20-80):(5-50) weight ratio of the components (A):(B):(C). For example, when newspapers, magazines, etc., are recycled by a flotation system, the deinking agent is added to a recycling bath to manifest the deinking properties excellent in defoaming properties while maintaining the foaming power at

